CLAIM AMENDMENTS

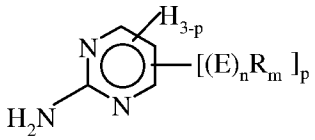
1. (Currently amended) A ~~P~~process for the preparation of unsubstituted or substituted 2-amino-[1,2,4]triazolopyrimidines which comprises combining A) a 2-~~A~~aamino-pyrimidine or its derivatives with an alkyloxycarbonyl isothiocyanate or an aryloxycarbonyl isothiocyanate and ~~with~~ B) with a hydroxyl ammonium salt and a base wherein the reaction~~s~~ ~~is~~ are carried out in a ~~polar aprotic organic~~ carboxylic acid ester solvent in the temperature range of from 40 to 150 °C.

2. (Currently amended) The process according to claim 1 wherein the pH value in step B) is increased over time and finally maintained in the range of from 5.5 to 7~~,~~.5.

3. (Currently amended) The process ~~as in~~ according to claim~~s~~ 1 ~~to 2~~, wherein the hydroxylammonium salt is hydroxylammonium sulfate.

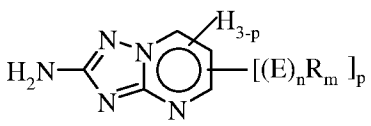
4. (Cancelled) ~~The process as in claims 1 to 3, wherein the polar aprotic solvent is selected from the group consiting of carboxylic acid esters.~~

5. (Currently amended) The process ~~as claimed in~~ according to claim~~s~~ 1 ~~to 4~~ wherein the 2-amino-pyrimidine or its derivatives is described by formula I



(I)

and the 2-amino-[1,2,4]triazolopyrimidine is described by formula IV



(IV)

wherein the variables have the following meaning:

E = independently the same or different are O, S, N, P;

R = independently the same or different are C_{1-10}-alkyl; C_{6-20}-aryl; C_{7-20}-arylalkyl; C_{7-20}-alkylaryl which each of those may be substituted with one or more of the following groups: F, Cl, Br, I, C_{1-20}-alkoxy, C_{6-20}-aryloxy, non substituted or preferably substituted amino; F, Cl, Br, I;

n = 0 or 1

m = 1 for E = O, S

m = 2 for E = N, P

p = 0, 1, 2 or 3.

6. (Currently amended) The ~~P~~process ~~as claimed in~~ according to claim~~s~~ 1 ~~to 5~~, wherein the process is conducted without isolation of intermediates.

7. (Cancelled) ~~Process for the preparation of N-([1,2,4]triazolo[1,5-a]pyrimidin-yl)aryl sulfonamides or N-([1,2,4]triazolo[1,5-a]pyrimidin-yl)heteroaryl sulfonamides which comprises preparing unsubstituted or substituted 2-amino-[1,2,4]triazolopyrimidines according to claim 1 to 6 and subsequently reacting the yielded unsubstituted or substituted 2-amino-[1,2,4]triazolopyrimidines with an arylsulfonylhalogenide Ar-SO2-Hal or an heteroarylsulfonylhalogenide Hetar-SO2-Hal.~~

8. (Cancelled) ~~Use of a process as claimed in claims 1 to 6 in the synthesis of N-([1,2,4]triazolo[1,5-a]pyrimidin-yl) structure containing agrochemicals or pharmaceuticals.~~

9. (New) The process according to claim 1 wherein the 2-amino-pyrimidine is 2-amino-4,6-dimethoxypyrimidine and the 2-amino-[1,2,4]triazolopyrimidine is 2-amino-5,7-dimethoxy [1,2,4]triazolo[1,5-a]pyrimidine.

LISTING OF CLAIMS

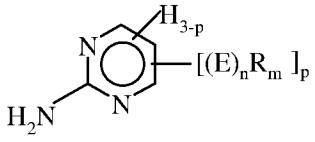
1. (Currently amended) A ~~P~~process for the preparation of unsubstituted or substituted 2-amino-[1,2,4]triazolopyrimidines which comprises combining A) a 2-~~A~~amino-pyrimidine or its derivatives with an alkyloxycarbonyl isothiocyanate or an aryloxycarbonyl isothiocyanate and ~~with~~ B) with a hydroxyl ammonium salt and a base wherein the reactions ~~is~~ are carried out in a ~~polar aprotic organic~~ carboxylic acid ester solvent in the temperature range of from 40 to 150 °C.

2. (Currently amended) The process according to claim 1 wherein the pH value in step B) is increased over time and finally maintained in the range of from 5.5 to 7~~,~~.5.

3. (Currently amended) The process ~~as in~~ according to claim~~s~~ 1 ~~to 2~~, wherein the hydroxylammonium salt is hydroxylammonium sulfate.

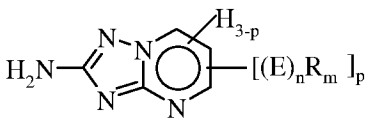
4. (Cancelled)

5. (Currently amended) The process ~~as claimed in~~ according to claim~~s~~ 1 ~~to 4~~ wherein the 2-amino-pyrimidine or its derivatives is described by formula I



(I)

and the 2-amino-[1,2,4]triazolopyrimidine is described by formula IV



(IV)

wherein the variables have the following meaning:

E = independently the same or different are O, S, N, P;

R = independently the same or different are C_{1-10}-alkyl; C_{6-20}-aryl; C_{7-20}-arylalkyl; C_{7-20}-alkylaryl which each of those may be substituted with one or more of the following groups: F, Cl, Br, I, C_{1-20}-alkoxy, C_{6-20}-aryloxy, non substituted or preferably substituted amino; F, Cl, Br, I;

n = 0 or 1

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6. (Currently amended) The ~~P~~process ~~as claimed in~~ according to claim~~s~~ 1 ~~to 5~~, wherein the process is conducted without isolation of intermediates.

7. (Cancelled)

8. (Cancelled)

9. (New) The process according to claim 1 wherein the 2-amino-pyrimidine is 2-amino-4,6-dimethoxypyrimidine and the 2-amino-[1,2,4]triazolopyrimidine is 2-amino-5,7-dimethoxy [1,2,4]triazolo[1,5-a]pyrimidine.